



# National Weather Service

## Storm Data and Unusual Weather Phenomena



October 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### MICHIGAN, East

**MIZ049-054>055-061>063-068>070-075>076-082>083**      **Huron - Tuscola - Sanilac - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb - Washtenaw - Wayne - Lenawee - Monroe**

16	1600EST 2300EST				0	0			<b>High Wind (G40)</b>
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A strong low pressure system moved into northern Ohio during the afternoon of the 16th. During the evening, this low moved north into eastern Ontario. A tight pressure gradient on the back side of the low pressure system created strong winds across much of Southeast Michigan during the evening of the 16th. Although wind speeds did not reach high wind warning criteria, numerous small tree branches were blown down across metro Detroit, Ann Arbor, Flint and the thumb. Some of these tree branches knocked down power lines in the aforementioned locations, causing thousands of residence and business locations to lose power. Maximum wind gusts were estimated around 45 MPH, with locations across Huron and Sanilac counties, downwind of Lake Huron, experiencing estimated gusts near 50 MPH.

**MIZ076**

<b>Wayne</b>									
17	0300EST 1400EST				0	0			<b>Flood</b>

The Rouge River in Detroit rose above flood stage of 15 feet at 4 am EDT on the 17th. The river crested at 15.5 feet at 8 am EDT on the 17th.

**MIZ068**

<b>Livingston</b>									
18	1400EST				0	0			<b>Flood</b>
24	1800EST								

The Huron River at Hamburg rose above flood stage of 6 feet at 3 pm EDT on the 18th. The river crested at 6.4 feet at 4 pm EDT on the 20th.

**Livingston County  
Green Oak**

22	1710EST				0	1			<b>Lightning</b>
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A 42 year old man was struck by lightning while standing near his front door. The man sustained only minor injuries.

**Saginaw County  
2 NW Oakley**

24	1512EST				0	0			<b>Hail(0.75)</b>
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**Saginaw County  
St Charles**

24	1530EST				0	0			<b>Hail(0.75)</b>
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**Saginaw County  
Bridgeport**

24	1534EST				0	0			<b>Hail(0.75)</b>
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**Saginaw County  
Bridgeport**

24	1535EST				0	0	15K		<b>Thunderstorm Wind (G54)</b>
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A large tree fell onto a garage.

**Saginaw County  
1 E Fosters**

24	1541EST	0.1	30		0	0			<b>Tornado (F0)</b>
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A brief tornado touchdown produced sporadic tree damage near the intersection of Bell and Bush Roads in Taymouth Township

**Saginaw County  
Bridgeport**

24	1550EST				0	0			<b>Thunderstorm Wind (G50)<sup>M</sup></b>
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**Livingston County  
2 E Howell**

24	1820EST				0	0	10K		<b>Thunderstorm Wind (G60)</b>
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A 40 X 60 foot outbuilding was destroyed by a wind gust.

**Lenawee County  
5 SW Onsted**

24	1830EST				0	0			<b>Thunderstorm Wind (G55)</b>
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Several large trees were uprooted.

**Washtenaw County  
Dexter**

24	1844EST				0	0			<b>Thunderstorm Wind (G66)<sup>M</sup></b>
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### MICHIGAN, East

#### Livingston County

**2 S Howell**      24      1845EST                     0      0      25K           **Thunderstorm Wind (G60)**  
A 16 inch diameter tree fell onto a boat and trailer. Several large trees also fell onto a home.

#### Washtenaw County

**Dexter**      24      1853EST                     0      0                **Thunderstorm Wind (G55)**  
Several 8 inch diameter trees were blown down.

#### Livingston County

**Howell**      24      1856EST                     0      0      40K           **Thunderstorm Wind (G60)**  
A large tree was blown down onto a house and a barn was blown over.

#### Livingston County

**2 W Hartland to  
3.5 W Hartland**      24      1909EST  
1910EST           1.5      50      0      0                **Tornado (F0)**  
A tornado touched down west of Hartland and moved east-northeast to the Oakland county line. Along the path of the tornado, only extensive tree damage was observed.

#### Monroe County

**Maybee**      24      1910EST                     0      0                **Thunderstorm Wind (G52)<sup>M</sup>**

#### Oakland County

**3 W Clyde to  
3 NE Davisburg**      24      1910EST  
1917EST           12.5      100      0      0      750K           **Tornado (F1)**  
The Livingston County tornado moved into Oakland County near Clyde Rd in Highland Township. The tornado moved northeast and hit the small community of Davisburg in Springfield Township. Extensive damage occurred to the eastern portion of the Davisburg Elementary School. Four classrooms were completely destroyed and eight others were heavily damaged. The tornado struck the school after hours and while no after school extra curricular activities were going on. Therefore, the only people in the school at the time the tornado hit were two custodians, who were uninjured. Outside of the elementary school, some of the brick work on the outside of the Davisburg Candle Factory building was damaged, several homes sustained damage to their siding and shingles, and a tractor and horse trailer were overturned at a ranch just outside of town. Outside of the Davisburg area, broken and uprooted trees were the only other damage witnessed along the path of the tornado.

#### Washtenaw County

**Ypsilanti**      24      1920EST                     0      0                **Thunderstorm Wind (G52)<sup>M</sup>**

#### Washtenaw County

**2 SW Whitmore Lake**      24      1921EST                     0      0      10K           **Thunderstorm Wind (G50)**  
A large tree was blown onto a car.

#### Oakland County

**1 N Oxford**      24      1935EST                     0      0      10K           **Thunderstorm Wind (G55)**  
Several one foot diameter tree limbs were blown down and a large tree was blown onto a house, causing some damage to the roof.

#### Bay County

**10 SE Bay City to  
10.5 SE Bay City**      24      1942EST  
1943EST           0.5      100      0      0      60K           **Tornado (F1)**  
A tornado touched down 3.5 miles east of the town of Munger. The tornado struck a farmstead on Briggs Road. Property damage from the tornado included, complete destruction of a small barn and garage, a grain silo being lifted off its foundation, and minor damage to the siding and front porch of the main house. The tornado then moved northeast toward the Tuscola County line.

#### Lapeer County

**Lum**      24      1942EST                     0      0      100K           **Thunderstorm Wind (G87)**



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### MICHIGAN, East

A large barn and a garage were destroyed as winds lifted the roofs off the structures, a pickup truck in the garage was moved downwind about 20 to 40 feet, some homes in the area suffered significant roof damage, and several large trees were blown down. It was determined from the debris field and radar that most of the damage was the result of microburst winds. The damage path was about one mile wide in length and one half mile in width. Some of the damage may have been enhanced by small circulations within the edges of the microburst - commonly called "gustnadoes".

#### **Tuscola County**

4 SSW Quanicassee to 2 NE Quanicassee	24	1943EST 1949EST	6.5	100	0	0	50K		<b>Tornado (F0)</b>
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The Bay County tornado moved into Tuscola County near Darbee Road in Gilford Township. The tornado moved northeast to Saginaw Bay where it lifted. Along the damage path, a pole barn was destroyed, the side of another barn was badly damaged, a fruit and vegetable stand was toppled, an irrigation system was badly damaged, numerous large trees were uprooted, and one home sustained minor damage to its front porch.

#### **Macomb County**

3 N Utica	24	1945EST			0	0			<b>Thunderstorm Wind (G52)<sup>M</sup></b>
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#### **St. Clair County**

Capac	24	2005EST			0	0			<b>Thunderstorm Wind (G52)<sup>M</sup></b>
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#### **St. Clair County**

Yale	24	2007EST			0	0	20K		<b>Thunderstorm Wind (G60)</b>
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A large tree fell onto a home, damaging part of the roof.

A strong cold front moved into the Great Lakes region during the early morning hours of the 25th. Ahead of this cold front, unseasonably warm air surged northward into the Great Lakes. Thunderstorms developed ahead of the cold front late in the afternoon of the 24th and continued into the evening. These thunderstorms extended from the Great Lakes all the way to the deep south. Strong winds just off the surface allowed some of the thunderstorms that developed across southern Michigan to become severe. Most of the severe storms caused damaging winds gusts associated with strait line microburst winds. However, increased low level directional shear via a surface warm front that extended across southeast Michigan allowed some of the thunderstorms to develop rotation, a few of which produced tornadoes. Three tornadoes were spawned from the thunderstorms. However, since two of the tornadoes crossed a county border, five tornadoes will officially be recorded with this event. This is considered an unusual event since tornadoes in late October in Southeast Michigan are extremely rare. Following the passage of the cold front early on the morning of the 25th, winds gusting as high as 45 MPH affected the region and dropped temperatures 20 to 30 degrees.